



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025-1855

42-003-00032

January 24, 2003

Dr. Roger C. Westman  
Department of Air Quality  
Bureau of Air Pollution Control  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

U.S. Environmental Protection Agency  
Region III  
Air, Radiation & Toxics Division  
1650 Arch Street  
Philadelphia, PA 19103-2029  
ATTN: Michael Ioff (3AT23)

Assistant Council  
Department of Environmental Protection  
Southwest Region  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745  
ATTN: Ward Kelsey, Esq.

Department of Justice  
Environmental and Natural Resource Division  
Environmental Enforcement Section  
P.O. Box 7611  
Ben Franklin Station  
Washington, D.C. 20044  
ATTN: David Street, Esq.

Subject: USS Reference Number: 03-0007  
ACHD Reference Number: 4089  
600 Unit Claus Plant  
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 233-1015.

Sincerely,

R. R. Terza  
General Manager  
Clairton Works Raw Materials

NOTICE OF OUTAGE OF EQUIPMENT  
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 03-0007  
ACHD Reference Number: 4089
2. Date & Time of Breakdown: Date: 01/22/03 Time: 1500 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: 600 Unit Claus Plant
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: The 600 Unit Claus Plant was taken out of service to repair the #2 Condenser head gasket.  
  
The Claus 600 unit is a redundant piece of equipment. Gas processing for sulfur removal was handed off to the Claus 400 Unit. Sulfur Plant performance will not be affected. Sulfur emissions will not increase.
8. Identification of Emissions:
  - A. Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)  
The 400 Unit Claus Plant will carry the full acid gas flow of the plant. No environmental impact is expected.
  - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). N/A No environmental impact is expected.
  - C. Amount of each type emitted (or likely to be emitted).  
N/A
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).  
The 400 Unit Claus Plant will carry the full acid gas flow of the plant. The task is expected to span a 2 week period.
10. Facility back in operation - Date: Time: hours

Signature

Coleen M. Davis  
Coleen M. Davis

Date 1/29/03

Senior Environmental Control Engineer Phone: 233-1015